

WHAT IS CLAIMED IS:

- Set
AI
1. An electronic camera to be driven by a battery, comprising:
- an instruction key for instructing for picture taking;
- a picture taking means for taking a subject image at least 1 scene in response to
- 5 operation of said instruction key;
- a processing means for performing signal processing on a camera signal
- corresponding to said subject image taken by said picture taking means and creating an
- image signal;
- a recording means for recording said image signal created by said processing
- 10 means to a recording medium;
- a comparison means for comparing a remaining capacity of said battery with a
- predetermined threshold value;
- a disabling means for disabling said instruction key depending upon a result of
- comparison by said comparing means;
- 15 a select means for selecting either one of a still image recording mode to picture
- taking a 1-scene subject image in response to once operating said instruction key and
- recording said 1-scene image signal to said recording medium, and a continuous image
- recording mode to picture taking a plurality of scenes of subject images in response to
- once operating said instruction key and recording said plurality of scenes of image signals
- 20 to said recording medium;
- a first enabling means for enabling a first threshold value related to a consumed
- power required for recording a 1-scene image signal when said still image recording
- mode is selected; and
- a second enabling means for enabling a second threshold value related to a
- 25 consumed power required for recording said plurality of scenes of image signals when

said continuous image recording mode is selected.

2. An electronic camera according to claim 1, wherein said recording means includes a storing means to temporarily store said image signal processed by said processing means into an internal memory, and a write means to write, after a
5 predetermined number of scenes of image signals have been stored in said internal memory, said predetermined number of screens of image signals to said recording medium.

3. An electronic camera according to claim 2, wherein said predetermined number of scenes is related to a recording mode selected by said select means.

10 4. An electronic camera according to claim 1, wherein said continuous image recording mode includes a motion image recording mode to take a first number of scenes of motion images in response to once operating said instruction key and recording said first number of scenes of image signals to said recording medium, and a successive shot recording mode to perform successive shots of still images in a second number of scenes
15 less than said first number of scenes in response to once operating said instruction key and recording said second number of scenes of image signals to said recording medium;

said processing means creating an image signal of a first resolution when said motion image recording mode is selected and an image signal of a second resolution higher than said first resolution when said successive shot recording mode is selected;

20 and

said second threshold value assuming a common value in between said motion image recording mode and said successive shot recording mode.

5. An electronic camera according to claim 1, further comprising a display means for displaying character indicative of not-recordable depending upon a result of
25 comparison by said comparing means.